



The Resonator

Official Newsletter of The Fair Lawn (NJ) Amateur Radio Club

Volume 9, Number 11

www.FairLawnARC.org

November 2024

PORTABLE DAY 2024

Reported by Jim Jalil W2KNG

INSIDE THIS ISSUE

- 1 Portable Day 2024
- 4 Hamfest Sponsors 2024
- 5 Notable Hams – K1AKE
- 6 FLARC Gets Up in the World
- 7, 15 FLARC Info Archives
- 8 FLARC Info Flyer
- 9 Officers, Committees and Assignments
- 12 Special Interest Groups (SIGs)
- 12 Editor's Corner – Jim Jalil W2KNG
- 13 Extra Class License CLASS announcement
- 14 General Class License CLASS announcement
- 15 FLARC Club Apparel
- 17 Strange Visitor Came to FLARC – KR2H
- 18 Theoretics – Fred W2ABE
- 10 Hamspeak – Fred W2ABE
- 21 SIG Report – Contesting SIG
- 19 SIG Report - Portable Ops
- 24 Pay FLARC Dues On-Line
- 25 FLARC Membership / Renewal Form
- 26 Renew ARRL Membership via FLARC
- 27 Business Meeting Notes [pending meeting]

Under the clear blue canopy of a cloudless autumn sky, Fair Lawn Amateur Radio Club members gathered at Memorial Park in Fair Lawn on Saturday October 19TH to operate portable ham radio.

This was not a contest or a POTA event. It was simply an opportunity to set up portable stations, all battery or solar operated, and enjoy ham radio outdoors in the fresh air and in the company of fellow members. Many QSOs were made among the several portable stations operating and some members were even able to work an ongoing DXpedition, PY0FF, in Fernando de Noronha.

Portable Day has become something of a tradition at FLARC and is an excellent opportunity to practice portable operation and for some to learn the ins and outs of portable operation from members more experienced in this activity.

Lessons learned can be applied at activities such as Special Event Stations, Field Day and simple POTA activations. Underscoring the fun part is the valuable experience gained, which may prove useful in an emergency or when we as hams are called upon to provide communications in the field.

A portable station can range from the elaborate to the simple and everything in between, all of which was showcased at FLARC Portable Day 2024. Even if portable operating is not something which interests you at the moment, make plans to join your fellow members next year for Portable Day 2025.

Who knows, something may spark your interest, but one thing is certain... you will have a good time.

**Remember:
Ham Radio Is a Contact Sport!**



Ken W2SCT, Nomar NP4H and Skip KD2BRV



Dave K2ZC and Judith KC2LTM



Ken W2SCT Operating CW



Nomar takes a satisfied break
from working the PX0FF DXpedition
NE of Brasil



KE2DVO and KD2KLN
Tackle a Connection



There's Always Room for Pizza



Are they working stations,
or doing a skit? ;)



Chris KE2NJ shows off his Impressive
Portable Equipment to Ed KE2DVO



Bill WA2WL and Fred KR2H
practicing patience and
energy conservation



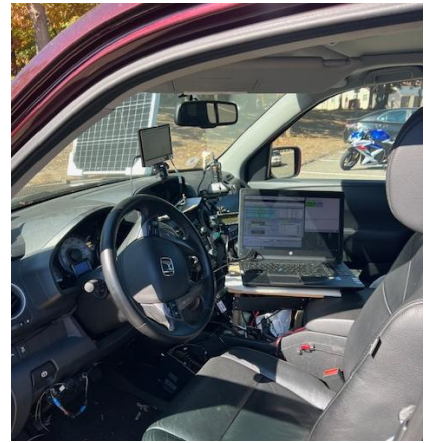
Brian KD2KLN asks for
a signal report



Solar Is Always Available....
Except at Night



Jim W2JC tunes his mobile
HF rig



W2JC Mobile/POTA install
set up for running FT8



The "radio room" in the JC-Mobile



JC-Mobile "radio room" from
the other side.



Ed KE2DVO with his super tiny
pocket-SOTA rif



Chris Explaining His Portable
Equipment to Nomar and Noel



Dave K2ZC with his SOTA setup -
you can hardly see the rig next to
that 'big' laptop!



K2ZC with a slightly different
setup at the same table...



Multi purpose
band pass filter



Our Sponsors



WAYNE ELECTRONICS LLC



We very much appreciate the Sponsorships and Door Prize Donations received from the groups and companies whose logos are shown above.



Notable Hams

by Jim Jalil W2KNG

This column features notable hams both past and present. This month we feature one of the giants in radio astronomy. We refer to the former Senior Radio Astronomer at the [Smithsonian Astrophysical Observatory](#), James M. Moran K1AKE.



James Moran K1AKE

James Moran was born in Plainfield, New Jersey in 1943. He received a BS from Notre Dame in 1963 and his PhD from the Massachusetts Institute of Technology in 1968. He was a professor of Astronomy at Harvard University from 1989 to his retirement in 2016 and is currently the Donald H. Menzel Professor of Astrophysics, Emeritus, at Harvard University. However while teaching at Harvard he was also the Senior Radio Astronomer at the [Smithsonian Astrophysical Observatory](#) from 1981 through 2020.

The Smithsonian Astrophysical Observatory, located in Cambridge, Massachusetts, is a research institute concentrating on astrophysical studies including galactic and extragalactic astronomy, cosmology, solar, earth and planetary sciences, theory and instrumentation, using observations at wavelengths from the highest energy gamma rays to radio frequencies, as well as investigating gravitational waves.

His most famous work at the Smithsonian, however, was confirming the existence of super massive black holes and calculating their mass. Moran was a key member of the team which designed and applied the Very Long Baseline Array for spectroscopic

observations – which proved to be the key to finding super massive black holes. Once identified and calculated, super massive black holes again confirmed yet another Einstein prediction.

James Moran has been awarded the Grote Reber Gold Medal for significant and innovative contributions to radio astronomy. He has also been awarded the American Astronomy Association's Newton Lacey Pierce Prize and the Rumford Medal of the American Academy of Arts and Science, where he is a member. He is a member of National Academy of Science. If that were not all, he is the author of the widely used text and reference book, *Interferometry and Synthesis in Radio Astronomy*.

James Moran is a lifelong ham. In fact, as so often has been the case, it was amateur radio which led to his prolific and successful career in science. First licensed as a youth in high school, James Moran became interested in using radio frequencies to study the cosmos. While still in high school he built a radio telescope at 400 MHz to detect radio frequency emissions from the sun.

His love for ham radio has never diminished and he can still be found on the air in terrestrial communications when not focusing his attention skyward to the stars.



James Moran K1AKE at his home shack

James Moran is a giant in the world of science, a man whose name is synonymous with the investigation of black holes and radio astronomy.

But to us, he is just a fellow ham, Jim K1AKE

Professor James M. Moran K1AKE

Extending the FLARC Reach

On October 11th – 13th I attended the North East USA “Summits on the Air” Club W2 fall campout in the Adirondacks. The Campground was at the Wilmington Notch Campground in Essex County, New York. It was conveniently located in POTA US- 2001 Adirondack park.

The event was well attended, with members from Quebec down to New Jersey. I arrived Friday morning and activated W2/GA-039 Ampersand Mountain, a 6-point summit with the best views I have ever seen.



After returning to the campground I set up my POTA station and activated Adirondack Park with a 20 meter vertical and 10 watts on my Icom 705.



Saturday morning I activated W2/GA-376 McKenzie Mountain, an 8-point summit, with a SOTA rock star — Eric VA2EO.

— reported by Mike KD2YEW



Saturday evening we all met at the Twisted Raven Restaurant in Wilmington NY for a nice dinner and drinks. It was great to put faces to the callsigns and hang out with people in person.

Sunday morning I packed up and drove up to W2/GA-003 Whiteface Mountain, a 10-point summit, and had one of my best activations ever — making multiple contacts on 2m, 20m and some great DX on 10 m.



Thanks to all the FLARC members who chased me: WI2W, W2MSA, N2BTD!



The NE Sota group is a great bunch of guys and I highly recommend attending future campouts. 73!!

Congratulations!!

... to Travis Adely, the son of Luisa KD2WYX, who will be receiving his Eagle Scout award at an upcoming ceremony. Travis is a part of Troop 53 in Fair Lawn. He decided to do his Eagle Project at St. Anne's Church in Fair Lawn.

His project was to make a Reflection Garden; a creation designed to have a place for people to be able to go, sit, and meet and to reflect and feel closer to God.

The rank of Eagle is scouting's highest award and the pride that Luisa feels is well deserved.

Congratulations!



2024 Dues

New members: only \$20 for your first year !

There are no changes to dues for the upcoming year. Renew now, and let us know what activities or features would make you more active with the club.

**Please make checks payable to:
"Fair Lawn Amateur Radio Club"
and send them to:**

**Fair Lawn ARC
– Attn: Treasurer
10-10 20th Street
Fair Lawn, NJ 07410**

Please include a member application form with your \$25 check regardless of your member status. It can be found near the back of this newsletter.



The Resonator Is Now Archived!

Ever wanted to search for something in *The Resonator*? Maybe a member profile. Perhaps a past Street Fair. Even who participated at Field Day in 2017.

Now you can. *The Resonator* has now been accepted as part of the Digital Library of Amateur Radio and Communications. DLARC is a project of the Internet Archive (the not-for-profit online library best known for *The Wayback Machine*.) DLARC is growing to be a massive online library of the past and present of ham radio and related communications. It is funded by a grant from Amateur Radio Digital Communications.

When you need to find something, go to:

<https://archive.org/details/flarc-resonator>

You can use the search "text contents" field to do a full-text search on all issues or click "Date Published" to see them sorted by publication date.

You know our little newsletter is cool.

Now a lot more hams around the world will as well.

Get Direct With FLARC!

Here is a direct link to specific club info: just a click away!

<http://apparel.FairLawnARC.org>

<http://auction.FairLawnARC.org>

<http://blog.FairLawnARC.org>

<http://calendar.FairLawnARC.org>

<http://events.FairLawnARC.org>

<http://exams.FairLawnARC.org>

<http://facebook.FairLawnARC.org>

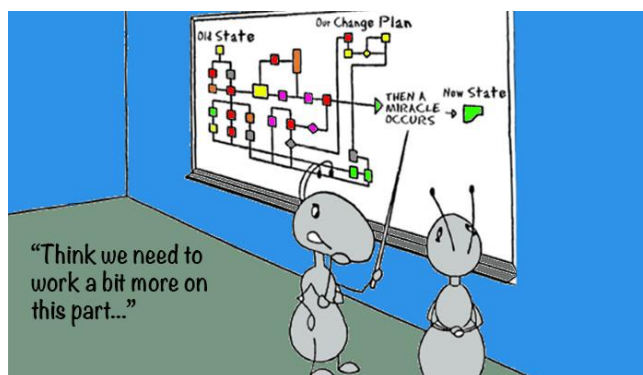
<http://news.FairLawnARC.org>

<http://swap.FairLawnARC.org>

<http://tech.FairLawnARC.org>

<http://youtube.FairLawnARC.org>

<https://groups.io/g/FairLawnARC>



The Fair Lawn Amateur Radio

Why is FLARC New Jersey's Most Exciting Radio Club?



Annual and Special Events



- Field Day
- Winter Field Day
- World Amateur Radio Day
- Portable Day
- Earth and Environmental Days
- Field Trips
- Club Exchanges
- Special Even
- Public Service Activities
- Public Events
- Ham fests and Auctions
- Foxhunts
- Contests
- Youth Activities and more

There Is Something Every Night At FLARC!

Monday: Near and Far Net

Tuesday: DMR Net and Open House at the clubhouse

Wednesday: ARES/RACES Net

Thursday: Tech Net

Friday: Open House at the clubhouse or *Kawfee Tawk* Speaker Series (Monthly via Zoom)

Weekends: Open House at the clubhouse, POTA and other station activations, Contests, Foxhunts



Special Interest Groups

- Portable Ops (POTA, SOTA, etc.)
- DX: Chase the rare ones
- Digital Voice: DMR and other modes
- FT8: Plus, other WSJT modes
- Satellite: Also, for weather interests
- Monitoring: SWL and other listening
- Contesting
- EMCOMM
- Radio Direction Finding
- Raspberry pi, Arduino



Plus:

- A five-position operating station clubhouse
- An active repeater—W2NPT linked with NJ2BS.
- New antennas on the roof
- Monthly VE testing
- An award-winning newsletter
- Monthly speaker programs
- Educational programs and activities
- Active in-person and social networking
- An extensive video education archive

That is Why FLARC Is the Most Exciting Club Around!

Come join us in-person or via Zoom for more activities, speakers, and projects!

www.fairlawnarc.org



The Club Fair Lawn ARC is the fastest growing ham club around, with five operating positions in a permanent clubhouse. Visitors and guests are always welcome. The club is open every Friday night, except when there is a Business Meeting scheduled, from NLT 6:30 PM. Business meetings are the first Friday of the month at 7:30PM.

2023 Officers, Committees and Assignments

President	Fred Belghaus	KR2H
Vice President	Robert Marchini	KD2SOG
Treasurer	David Gotlib	KD2MOB
Secretary	Jim Jalil	W2KNG
Trustee	Brian Cirulnick	KD2KLN
Trustee	Judith Shaw	KC2LTM
Trustee	Lowell "Van" VantSlot	W2DLT
Member Services		
Health & Welfare	Judith Shaw	KC2LTM
Marketing	Nomar Vizcarrondo Jim Cooper	NP4H W2JC
Program	[open]	
Video/YouTube	Thom Guida	W2NZ
Social Media	Brian Duddy	N2BTD
	Thom Guida	W2NZ
	Dave Marotti	NK2Q
Photographer	Giovanni Lucero	K2GIO
	Robert Marchini	KD2SOG
Community Relations	Gene Ottenheimer	WO2W
	Dave Gotlib	KD2MOB
Field Day2025	[open]	
Winter Field Day 2025	Noel Pagan	W2MSA
Hamfest	Gene Ottenheimer	WO2W
Auction	Brian Cirulnick	KD2KLN
Activities Chair	Judith Shaw	KC2LTM
Education	Paul Brennan	N6FB
Youth Outreach	Robert Marchini	KD2SOG
Adult Outreach	Lowell "Van" VantSlot	W2DLT
	Jim Cooper	W2JC
VE Testing Coordinator	Gene Ottenheimer	WO2W
Special Events	James Gallo	KB2FMH
Contests	Lowell Vant Slot	W2DLT
FLARC Historian	Fred Belghaus	KR2H [W2AAB]
Webmaster	Jim Cooper	W2JC
Technical Chair	Dave deCoons	WO2X
EmComm	Jim Breheny	N2JLF
RACES/ARES Director	Dave Gotlib	KD2MOB
RACES/ARES Liaison	Steve Wraga	WA2BYX
Newsletter Editor	Jim Jalil	W2KNG
Newsletter Publisher	Jim Cooper	W2JC
Club Station Manager	Noel Pagan	W2MSA
Quartermaster	Fred Wawra	W2ABE
W2NPT Trustee	Jim Cooper	W2JC
NK2H Trustee	Ed Efchak	WX2R

President serves as ex officio to all committees

Want a Call Sign License Plate?

Amateur Radio (Ham operators) license plates may be purchased for a \$15 fee, for passenger vehicles, but not for commercial vehicles or motorcycles. (Applicants must be licensed by the Federal Communications Commission.)

Call MVC at 609.292.6500 or (toll free in NJ) 888.486.3339 to request an application.

The club has applications from time to time. If you would like an application, visit the "contact us" page, and we'll get one out to you.. or find the form and detailed instructions at:

<https://www.state.nj.us/mvc/pdf/vehicles/SP-23.pdf>



Letters:

A New Addition to *The Resonator*

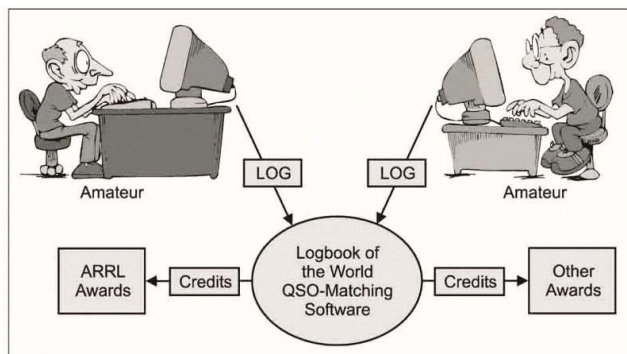
The editor has received a lot of nice notes, letters and comments about this newsletter and the club in general. We have not published them in the past but going forward we will at least try.

Here are the grounds rules:

- Please keep all comments as brief and succinct as possible.
- No personal attacks.
- No political rants.
- No comments promoting violence, racism, religious intolerance, vulgarity, obscenity, or other such discourteous behavior.
- The Editor reserves the right to exclude any comments that violate our guidelines and may subject the writer to further disciplinary action by the club.

A QSL card is the final courtesy of an amateur radio contact.

https://en.wikipedia.org/wiki/QSL_card



Those who upload logs to Logbook of the World become eligible to redeem confirmation credits for awards. LoTW wants and needs *all* logs. Uploading is free, so send your logs today!

NOTE:

While LotW is back on line and seems to be perking along just fine, we're advised that the DXCC part and application process is not yet restored. If you have plans to apply for DXCC, or endorsements, be patient and wait for announcement to proceed.

Follow FLARC ON THE WEB

Facebook: <http://facebook.FairLawnARC.org>

Twitter: @FairLawnARC

Youtube: <http://youtube.FairLawnARC.org>

Website: <http://FairLawnARC.org>

HAMSPEAK

TRANSCEIVER:

A radio receiver and transmitter all in one chassis. This makes tuning to transmit and receiving signals more automatic, as the tuning is done for both at the same time.

NOISE BLANKER:

A circuit designed to remove or reduce certain types of noise at the receiving end of a transmission. There are certain adjustments that can be made depending on the radio involved.

NOTCH FILTER:

A circuit designed to provide a deep reduction of signal at a specific frequency of the received signal. This is set to reduce an interfering noise or distortion at a specific frequency in the band width of the receiving frequency. The width of the notch can usually be adjusted.

DYNAMIC NOISE REDUCTION:

A circuit that analyzes incoming signals and works to eliminate and/or reduce inconsistencies in the received signal.

SQUELCH:

A circuit that acts to suppress audio output in the absence of a strong input signal. On most HF sets the squelch is variable so that the degree of noise can be altered to provide control over what is heard.

Fred Wawra, W2ABE, 73.

The Clubhouse Is Open Three Fridays In November!!

Date	Clubhouse Status
November 1	CLOSED – Business Meeting at Fair Lawn Senior Center
November 8	OPEN
November 15	OPEN
November 22	OPEN
November 29	CLOSED – Auction at Sr. Center



Pop-Up Tuesdays are now in-person at the club.

The club will follow all borough COVID-19 requirements for these events.



Editor's Corner — by Jim Jalil W2KNG

Amateur Radio is many things to many people. In fact it is its very diversity which is a large part of its charm. Often, however, many hams tend to be what may be called “silo hams.”

What is meant by that is being active in just one of the myriad aspects of ham radio, whether it be CW, VFH/UHF/Contesting, POTA, or whatever. In ham radio's mansion there are many rooms. It would be a shame to sit forever in only one of the many rooms in that mansion and never explore the rest of the house.

It might be interesting and fun to learn and experience an aspect of ham radio which is out of one's comfort zone.

- Maybe the dedicated contester might want to go on a POTA activation.
- Maybe the dyed-in the wool CW operator might want to fire up the rig and experience SSB or even FT8.
- Perhaps a ham of many years might want to overcome a long standing resistance, maybe even aversion, to CW and learn Morse Code.

The point is if we as hams are not expanding beyond what is familiar we are limiting the limitless joy of ham radio.

Here is where FLARC can be an incredible resource. To take just one example from the plethora of possible examples, let's say one is a ham who came into ham radio after the code was no longer required. That's great. But maybe in the back of his or her mind is the feeling that it might be fun to make a CW QSO at long last.

Perhaps with some trepidation, hesitancy, maybe even a touch of embarrassment (which should never be the case) that ham can come to the club, approach a fellow member who is an experienced CW operator and say... "I'd like to learn Morse Code."

There is no question the reception would be one of open arms and an eager willingness to help. Starting with a simple code oscillator and an ARRL "Learning the Code" book (which is where many a ham began), the member can begin at the beginning, the letter "e"... dit.

In this example a lifelong barrier can be overcome with patience and practice and a willingness to step out of one's comfort zone.

That is just one example among the myriad of others.

Perhaps a ham has heard fellow members talking about POTA. A ham who has never operated outside the home shack might find an exhilarating sense of freedom to make QSOs from the great outdoors.

All that is needed is to tag along with a fellow member and see how it is done. If that sparks an interest, again there are FLARC members at the ready to help a fellow member along on the road to POTA activations.

Perhaps bouncing a signal off a satellite has always been a bit of a mystery. It need not and could be a thrill.

Again, these are just examples. The point of all of this is to try something new. The list of new adventures in ham radio is seemingly endless. Trying something new will no doubt rekindle the awe and exhilaration we all felt when we first became hams, when we first learned about ham radio, got our license and made our first QSO.

The great advantage of being a member of a ham radio club like FLARC is that the expertise in almost every aspect of ham radio is here, available and anxious to help. All one needs to do is ask.

Why not think about some aspect of ham radio in which you are not familiar but which holds some appeal. Find something new, learn about it and try it. A silo ham is missing out on so much that ham radio has to offer.

FLARC is somewhat unique in that it has quite a few Special Interest Groups, which are groups of members who are interested in a particular topic or activity. See the list below.

If you are interested in, or want to learn more about, any of these topics just contact the "Leader" listed or email webmaster@FairLawnARC.org to join a SIG.

<u>SIG Name</u>	<u>Leader</u>	<u>#</u>
Contesting	W2DLT	14
Digital Voice	N2AAM	30
EmComm	N2JLF	13
Monitoring	WX2R	25
DX	W2JC	18
FT8	W2JC	22
Satellites	N2AAM	20
Portable Ops	W2MSA	48
Radio Astronomy	WX2R	4
Raspberry pi		7
Direction Finding	W2KBF	6
FLARC General		174



The Westchester Emergency Communications Assn.
Box 831 Sleepy Hollow, NY 10591

www.weca.org

2025

Amateur Extra Ham Radio Class!

WECA will be conducting a **free** Amateur Extra FCC license exam preparatory class that will run for ten weeks **starting on Tuesday, January 7th** and on **Tuesday nights thereafter from 7-9:15 PM Eastern Time in-person** at the Westchester Fire Training Center, 4 Dana Road in Valhalla, NY 10595** **and via Zoom**. VE test sessions are available in the area and at the FTC (\$15 testing fee).

Please join us for this **free** interactive course taught by a team of knowledgeable Amateur Radio Operators from WECA. Instructors will be Amateur Extras or others who have special knowledge of specific subject areas. The class will review the test pool questions and answers and provide explanations of the accompanying concepts. There are >700 questions in the pool: 50 test questions; 37 correct (74%) to pass. **All are welcome to attend** who wish to gain additional knowledge of amateur radio subjects even if you do not expect to take the test or do not hold an amateur license.

All WECA classes are recorded and posted to www.WECA.APP for review and self-study.

Texts:

1. ARRL Extra Class License Manual 13th Edition w/link to Practice Exam Software

<https://home.arrl.org/action/Store/Product-Details/productId/2016746457>

2. ARRL Extra Q&A 6th Edition

<https://home.arrl.org/action/Store/Product-Details/productId/2016747300>

or from Gene W2KJI at KJI Electronics, Cedar Grove, NJ on 973-571-1930;

Gene is a reputable local ham radio dealer, or from

Amazon- Be very sure to order the correct editions.

1. Please purchase the license manual and begin reading as soon as possible.

2. The Q&A has answers and brief explanations for all pool questions- a worthwhile investment.

Conduct of Training:

Subjects include: FCC regulations, operating procedures and practices, radio propagation, electrical principles, practical circuit components and design, modulation, emissions, antenna design, transmission lines and safety.

If you have an area of strong interest and expertise that you can share with the group, please let me know; we will involve you in the class.

If you would like to upgrade to Amateur Extra, please contact me by email at Education@WECA.org so I can register you and provide additional information.

Larrie Sutliff W2UL

WECA Education Director

** If you haven't been to the FTC before, you need to know that we enter through the rear door (the front door is typically locked/no parking). From Route 9A, with the Hawthorne Home Depot at your back, proceed East on Dana Road about 2/10 of a mile, past 4 Dana Road, and turn right on Walker Road. Park in the long lot on the right and go down the outdoor stairway, pass the trailer and enter through the glass doors. Classroom #3 is down the hall to the right. Handicapped access is available at the training level- just park in front and use the security phone or call me on 732-693-4504.

FTC Closing Weather Number: 914-231-1615



The Westchester Emergency Communications Assn.
Box 831 Sleepy Hollow, NY 10591

www.weca.org

2025

Amateur General Ham Radio Class!

WECA will be conducting its annual **free** preparatory class for the Amateur General FCC exam this spring **in-person** at the Valhalla Fire Training Center 4 Dana Road in Valhalla, NY 10595 **and via Zoom**. The class will run for nine weeks **starting Tuesday evening March 11th from 7-9:15 PM ET**. Subsequent classes will be on Tuesday evenings per the schedule below. Holders of the General license are permitted many additional frequency privileges including access to all HF bands, therefore,

Capability to talk to the World!

Please join us for this free interactive course taught by a team of knowledgeable Extra and General Class Amateur Radio Operators from WECA. The class will review the test pool questions and answers and provide explanations of the accompanying concepts. All are welcome to attend who wish to gain additional knowledge of amateur radio even if you do not expect to take the test or have a license.

All classes are recorded and posted on www.WECA.APP for review and self-study.

Texts:

1. **The ARRL General Class License Manual 10th Edition** (includes access to on-line practice)
2. **The ARRL General Q&A Manual 7th Edition** (Includes explanations for all questions.)

Both are available from ARRL at:

<https://home.arrl.org/action/Store/ProductDetails/productId/2009476073> or from:

Gene W2KJI at KJI Electronics, Cedar Grove, NJ: .973-571-1930;

Gene is a reputable local ham radio dealer or from:

Amazon- Be very sure to order the correct editions.

1. **Please purchase the License Manual and begin reading as soon as possible.**
2. **The Q&A manual is also very helpful, but not required.**

Syllabus & Schedule:

3/11	Tuesday	Ch 1	The General Class License & Ham Radio
		Ch 2	Procedures and Practices
3/18	Tuesday	Ch 3	Rules and Regulations
3/25	Tuesday	Ch 4	Components and Circuits
4/1	Tuesday	Ch 5	Radio Signals and Equipment
4/8	Tuesday	Practical Exercise: HF Station Equipment Display & Antenna Install	
4/15	Tuesday	Ch 6	Digital Modes
4/22	Tuesday	Ch 7	Antennas
4/29	Tuesday	Ch 8	Propagation
5/6	Tuesday	Ch 9	Electrical and RF Safety, Review
5/8	Thursday	VE Test Session in Valhalla, NY	

If you would like to upgrade to Amateur General, please contact me at Education@WECA.org so I can register you and provide additional information.

Larrie Sutliff / W2UL WECA Education Director

FTC Closing Weather Number: 914-231-1615 (Zoom conducted even if FTC closes)

Vast Archive of FLARC Activities and Info

Members are reminded that we have a large archive of YouTube videos of our previous many years of Kawfee Tawk™ presentations, which cover many aspects of ham radio. Our mostly unsung hero club videographer, Thom W2NZ, has spent thousands of hours of his own time creating really professional quality videos of these 167 presentations. Visit our club YouTube page and you will see all of them listed on the main page, at <http://youtube.FairLawnARC.org>

Another large and rather unused archive is that of our seven years of the club newsletter, The Resonator. They provide a nice historical record of the many activities of FLARC over the years, as well as lots of useful info about ham radio and electronics. The entire archive is at <http://newsletters.FairLawnARC.org>

And don't forget the FILES area of our groups.io website, where useful and important info is saved:

<https://fairlawnarc.groups.io/g/main/files>

Renew Your ARRL Dues... Send Free Money to FLARC!

The ARRL has a great program to support affiliated clubs in that it sends part of your dues back to the club if you renew through the club.

So... when you get your ARRL renewal, send both your check and your renewal application to our trusty Treasurer, who will take care of getting your renewal to Newington and a fat check for \$5.00 back to FLARC.

Nothing can be simpler...
you just have to remember!!

Print and use the
form on page 26
of this issue of
The Resonator



Club Apparel — Get Them While They're **RED**!

Club apparel is always in vogue. Red is always "in" and your club friends all have them... you *want* a shirt or jacket for the next FLARC event! Great for Field Day!

Don't forget.... they're easy to order.

Go to www.hamthreads.com

or visit <http://apparel.FairLawnARC.org>

Check out the item selection that is posted on the FLARC website (with pictures and prices). Order the shirts or other items you want with either the regular FLARC logo or the still-cool 60th anniversary logo. Note: **RED** is the primary and preferred club standard shirt color.

And why not WEAR your nice red shirt when you come to the club, especially for meetings and events.



It's easy to spot FLARC members
wearing their red club shirts !

Ham Radio Is Contagious And It Won't Make You Sick!!

2024 FLARC Net On The W2NPT Repeater:

Near and Far Net • Mondays at 8PM

W2NPT Repeater and EchoLink

Special Note: As non-profit, the IRS now requires that we disclose annually the use of paid lobbyists to our members and indicate approximately what percentage of their dues goes toward that. 0% of your dues payment will be used by the club to directly pay a lobbyist firm to lobby on behalf of all our members regarding pending legislation that impacts our hobby.



NEWHAMS.INFO

Training, information, and encouragement for new amateur radio operators.

<https://newhams.info/>

BEQUEATHS AND DONATIONS

Planned gifts usually imply the family donation of amateur equipment to the club when someone has become a Silent Key. But it can be more. Club members might consider making a gift through a will or trust; gifts that help provide lifetime income to the club. Consult with your lawyer, estate planner or tax advisor if you feel such a gift is worthy.

About The Club

The Resonator is published monthly and is the official (and only) newsletter of The Fair Lawn Amateur Radio Club. FLARC was established in 1956 and has met continuously since inception. **The club is sponsored by the Borough of Fair Lawn.** The club meets every Friday, except when a Business Meeting is scheduled, at 6PM at the club station in The Fair Lawn Community Center, 10-10 20th Street, Fair Lawn, NJ. Business meetings are the first Friday of the month at 7:30 PM at the Fair Lawn Senior Center, and on Zoom.

Visitors **ARE ALWAYS** welcome at our meetings.

FLARC operates the W2NPT repeater (145.470- PL167.9) located high atop the Community Center. The analog repeater is open to all amateurs for use without restrictions.

The club has nearly two hundred paid members.

Dues are currently \$25 per year;
 \$20 for new members.

For more information, please see our website, at

<http://membership.FairLawnARC.org>

All content in *The Resonator* is protected by copyright ©2024.
No other use without permission.

Content and opinions expressed by contributors do not necessarily reflect the policies of the Fair Lawn Amateur Radio Club, its Officers or members. Contributors grant express permission to FLARC to distribute articles in this or any issue of *The Resonator*. Authors also grant express permission for the use and/or repurposing of these articles, in part or in full, in other publications with credit to the original author and to *The Resonator*. All material is copyright ©2024-11-03. Do not copy or reproduce any of this material without the written permission of FLARC.

Thanks!
for your
Support!!

This is YOUR club.... Be a part of it !!



**FAIR LAWN'S
COMMUNICATIONS CENTER!**

With Our Antennas On The Roof!



The Day a Strange Visitor Came to FLARC

— by Fred KR2H

On Friday evening, October 18th, a strange but welcome visitor made a brief stop off at FLARC— actually not inside FLARC, but near enough to be considered an honored guest.

Our guest goes by the rather complicated name of C/2023 A3, A/K/A Tsuchinshan ATLAS.^[1] Our guest was first discovered in January 2023 via the Asteroid-Terrestrial Impact Last Alert System (ATLAS), and first visually observed at the Sutherland Observatory in South Africa.

Measurements taken revealed that this visitor to our atmosphere was the same as one recorded by the Purple Mountain Observatory in Tsuchinshan, China. Calculations showed that as this ball of fire approached the earth, it would have a magnitude of brightness that would allow easy viewing with the naked eye.

The world was abuzz with excitement over this discovery, and astronomers and amateur sky watchers eagerly awaited its arrival. It would be only a matter of time before a small group of FLARC devotees would get to meet him, in a manner of speaking.

Brian KD2KLN remarked that he'd been wanting to spot our visitor during Pop-Up Tuesday, on October 15th, but this proved impossible due to cloud cover. So, at Friday's conclave, he hoped for a better opportunity. Fred KR2H asked Brian when would be the best time to clearly find our guest. A quick search on Brian's phone provided the answer.

"Local sunset," Brian said, "6:10 P.M. and traveling westward." When the clock was exactly 6:10, Fred went outside and stood in the parking lot next to the club entrance of the Community Center, and looked westward. And there it was: a long, bright orange streak, making a slow descent towards the horizon. Fred ran to the door, opened it, and shouted. "I see it! Come on!"

The three remaining members who had gathered at the club that evening ran out, and we all saw it clearly. Fred KR2H, Brian KD2KLN, Nomar NP4H, and Robert KD2SOG. Robert and Nomar snapped

pictures of it on their phones. We were fortunate to welcome our visitor to FLARC during its closest and brightest approach to earth.

We were able to watch for about 15 minutes as our celestial visitor slowly faded and sank down into a thicket of clouds near the horizon, until it was gone. Gone, but surely not forgotten.

For me, it was the first comet I'd ever actually seen. I remember all the hype about Kohoutek back in the 1970s.^[2] Despite all the media noise, locally, it was a great big flop. But not this time. This time the show was dramatic and truly great.

If I could put this experience into comparable ham radio terms, I would say that it was as thrilling as putting a new, very rare DX entity in my log. There was no question of getting a QSL for that contact. The confirmation was in the event itself, and one I am not likely to forget for a long, long time.

NOTES:

[1] Wikipedia, see:

[https://en.wikipedia.org/wiki/C/2023_A3_\(Tsuchinshan%E2%80%93ATLAS\)#:~:text=C%2F2023%20A3%20\(Tsuchinshan%E2%80%93ATLAS\)%20\(or%20Comet,Africa%20on%2022%20February%202023](https://en.wikipedia.org/wiki/C/2023_A3_(Tsuchinshan%E2%80%93ATLAS)#:~:text=C%2F2023%20A3%20(Tsuchinshan%E2%80%93ATLAS)%20(or%20Comet,Africa%20on%2022%20February%202023)

[2] Daugherty, Greg, "The 'Comet of the Century' Failed to Impress, But it Wasn't Such a Disaster After All," Smithsonian Magazine, December 4, 2023, at: <https://www.smithsonianmag.com/history/kohoutek-comet-of-the-century-failed-to-impress-but-it-wasnt-such-a-disaster-after-all-180983330/>

73, Fred, KR2H



Photo from Wikipedia link [1] above

Theoretics Demystified

Continuing with the *EVOLUTION OF RADIO*, it is important to remember that many of the improvements in radio were due to the experimentation by early radio enthusiasts. Somewhere along the line the term HAMS was used for them and it stuck.

The very early 'radios' were crystal sets which used a galena crystal and a 'cats' whisker' wire which poked around the crystal to find a sensitive spot so as to receive a signal [basically a diode]. When vacuum tubes became available, they were then used as diode detectors to demodulate the Amplitude Modulated signal. Many of the early tube radios had up to three stages of tuning with radio frequency amplification using vacuum tubes to help tune in those distant stations.

Most radios had three tuning dials and were known as three dialers. They were tuning in the radio frequency signal and were also known as Tuned Radio Frequency sets or TRF radios for short. After the tuning stages there was a detector [diode] tube followed by an amplifier stage which fed a signal to a speaker. The early speakers were a headphone connected to a horn to amplify the signal aurally.

The system worked but the drawback was that those types of radios required someone knowledgeable in how to tune them, and then maintain them, especially with the several batteries required to operate them. Tuning on those TRF sets was a bit tedious but the miracle of radio at the time was worth it, but as always there needed to be something better.

This led to the use of an oscillator with controlled feedback. The idea was to have a vacuum tube connected as an oscillator with a spider-web type coil connected to the output and another one connected to the input. The 'spider-web' coil was a flat coil. The RF of the oscillator was controlled by moving the coils closer or farther apart. How it worked was that you would move the coils closer to each other [coupling] and back off till the oscillation [a whistling in the headphones or speaker] just disappeared.

There was also another way of controlling the coupling between input and output of the radio's local oscillator. It involved not moving the distance between in and out coils but changing the angle of coupling to control the oscillation. Those controls are called variometers. The result was that just before oscillation the incoming signal would be amplified many times and be easier to hear. The sets were called regenerative or super regenerative sets depending upon their design.



The photo above is of an early regenerative set. The controls on the left were 4 position taps for the input coil and the knob controlled the position of the spider-web coil inside. The center knob is for the tuning capacitor and the knob on the right controls the amount of voltage to the tubes heater; this compensated for weak batteries and provided some control of the tubes' amplification.

Below is a picture showing the input 'spider-web' coil on the left, with its taps, the capacitor and the rheostat for the tube heater voltage on the right. The picture set may have been for broadcast but in the early days HAMS were transmitting on many different frequencies including the so called broadcast band of the day. The set pictured is from the early 1910s or thereabouts. The tube in the set is probably a 201A with a gain of about 8!



There were 'A' filament battery and a 'B' plate voltage battery connection on the tube socket base plus the antenna and ground connections on the front of the set. The headphone jack is on the front. Many HAMS used sets just like this for reception of their radio signals. Till next time...

Fred Wawra W2BE, 73.



FLARC PortableOps SIG

PortableOps@FairLawnARC.groups.io

This is a Special Interest Group (SIG) for members interested in portable ham radio operation such as POTA, SOTA, IOTA, LOTA, etc. The purpose of this SIG is to get outdoors and practice our operating skills from different places. We can share outing experiences, tips and work on our operating skills.

As noted above, Portable Ops includes more than just the POTA program. Here's how one of our SIG members is doing it.

Congratulations to club member Brian Duddy N2BTD for placing first in the Expedition Class in the U.S. Islands QSO Party held on August 24. 2024.

Brian amassed 11,450 points while activating Iona Island (NY022R) in the Hudson River in Rockland County. Brian also placed second in the Non Island Class, hunting a total of 8 islands for 420 points from his home – after going QRT from Iona Island.

The U.S. Island QSO party is held annually the last weekend in August and starts at 1200 UTC on Saturday and ends at 0300 UTC on Sunday. For more information on the U.S. Island Awards Program please visit <http://usislands.org>

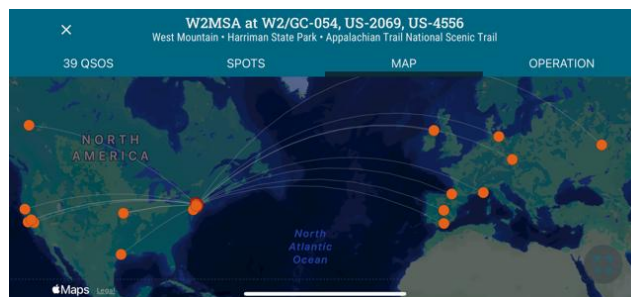


Mike KD2YEW and I had a great time activating SOTA summit West Mountain W2/GC-054 along with POTA parks Harriman State Park US-2069 and Appalachian Trail US-4556.

We started on 2m simplex which was very rewarding with lots of chasers on 146.520; then we continued on 10m which was wide open from California to Europe. The weather was fantastic and the hike was a great work out.

Thanks to the members of the FLARC portable ops sig for chasing us.

73, Noel W2MSA



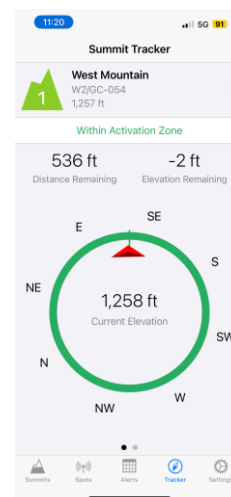
The map shows how low power rig can go very far!



Noel W2MSA & Mike KD2YEW



KD2YEW logging a QSO



Stats of the location

Continued on next page.

Portable-Ops SIG, cont'd



Tiny radio and tiny Morse key fit into backpack



Noel W2MSA can still sit cross-legged on the rock!
Can you spot his antenna?



POTA guys really get up in the world!
Noel W2MSA and Mike KD2YEW

FLARC October 19, 2024 VE Testing Results

With VE testing back on schedule,
Gene **W02W** reports the following results:

Name	Call	License Earned
Richard Ramirez		Technician

Testing for next month will be at the
Fair Lawn Recreation Center.

Eleven Special Interest Groups [SIGs] Already Formed: Any Others?

Club interest continues to grow in the SIGs.

Another recently formed SIG is for those interested in Raspberry Pi and Arduino projects, but now includes DoItYourself (DIY)/Makers kit building, 3D printing and similar topics.

A list of all of the current SIGs is shown on page
Error! Bookmark not defined..

Other possible groups, from the member survey,
include:

- *Radio Propagation*
- *Antennas and how they work*
- *Ham radio software*
- *Technical assistance to club members*

Anyone interested in leading any of these groups...?

Please contact webmaster@FairLawnARC.org

Contest Corner

– Van W2DLT



CONTESTING – for beginners and EVERYONE –

remember that any license class can operate from the club on any band, in any contest. Check it out.

- Why? Because it's fun.
- Whether you operate the whole contest, or just a little while – GET ON THE AIR.
- Competing? Personal best and/or how others are doing (SLACK channel) See below*
- Get new states, new countries, new zones, new continents and ATNOs (All Time New Ones), toward DXCC and other awards.
- Collect New and Beautiful QSL cards (even if you post to LOTW – send a card in the mail)
- How? At home or at the club (Watch for info on what contests the club will open for).
- Hours? Although the club closes early in the evening, we often arrange to stay extra hours to operate.
- When? Almost every weekend there's some sort of contest on the air (see <https://www.contestcalendar.com/weeklycont.php> for details)
- Rules? Every contest has different rules – check on-line by contest name
- Reporting? Every contest asks for results posted differently – again, check on-line
- *How did you do? How did others do? How did your club do? Check:

<https://www.3830scores.com> – put in your own call or others to see results – compete – compare – Improve – beat your last year scores.

Questions? Call or email me for more details:
Van W2DLT Contest Chairman at vanw2dlt@yahoo.com
or 201-207-3346

“Birds of a feather flock together”

In FLARC, they FLOCK to our Special Interest Groups.
Sign up at

https://fairlawnarc.com/SIG_Sign-up_page.html

FLARC and the CQ WW DX SSB Contest

This is one of the most “fun” contests of the year for FLARC to participate in. With one exception, USA stations work ONLY DX stations – as many countries as possible.

Over the weekend of Oct. 25th to 27th quite a few FLARC members took turns operating this DX contest – both our experienced contest ops and several of our new members, on whom the contest bug has been nibbling.

Here are some of the stats and details —

Call: W2NPT Total operating time: 15 hours

Operator(s): KE2DVO W2MSA WI2W W2DLT N2AAM
KD2YEW KE2DFZ NP4H N2JLF

We made 465 contacts and contacted 88 countries at least once. Six continents were contacted.

Total Contacts by Operator:

Operator	Total	% of total
KE2DVO	87	19
W2MSA	86	18
WI2W	80	17
W2DLT	69	15
N2AAM	43	9
KD2YEW	35	8
KE2DFZ	32	7
NP4H	30	6
N2JLF	3	1

W2NPT's Contest Summary Report for CQ-WW
Created by N3FJP's CQ WW DX Contest Log
Version 6.0.5 www.n3fjp.com

Total Contacts = 465
Total Points = 314,250

Operating Period: 2024/10/26 00:15 – 2024/10/27 16:11

Total op time (breaks > 30 min deducted): 14:58:11
Total op time (breaks > 60 min deducted): 15:32:16

Avg Qs/Hr (breaks > 30 min deducted): 31.1

Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%
40	0	17	0	17	4
20	0	143	0	143	31
15	0	136	0	136	29
10	0	169	0	169	36
Total	0	465	0	465	100

Photos (thanks to Steve WI2W) on the following page.

FLARC and the CQ WW DX SSB Photos



Jim N2JLF



Noel W2MSA



Raymond KE2DFZ



Van W2DLT, our Contest Chairman



Ed KE2DVO



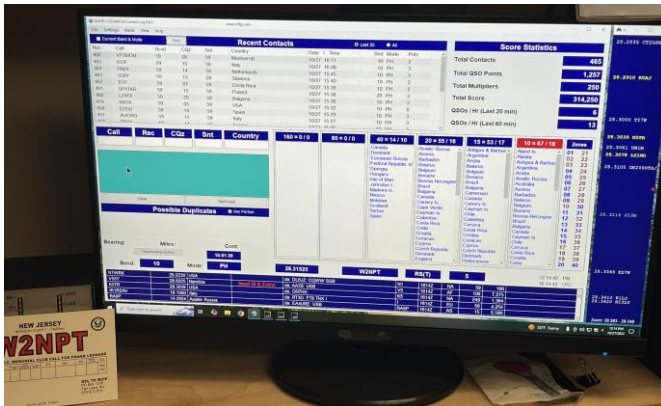
Nomar NP4H



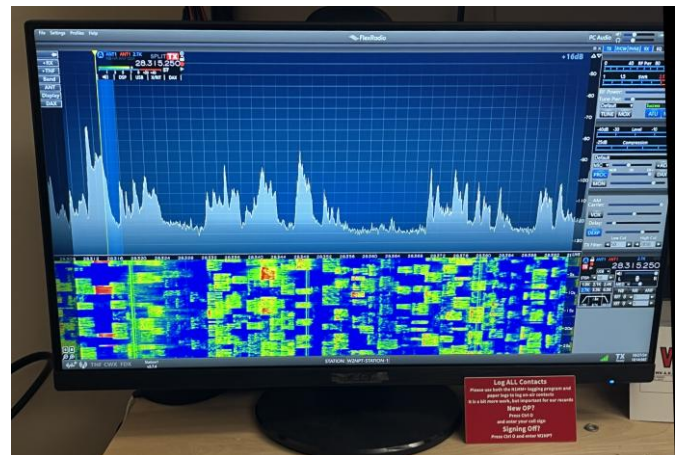
Mike KD2YEW



Steve WI2W



N3FJP ACLog Logging Screen



Flex 6600 Signal Screen and "waterfall"



CQ World Wide DX Contest



ELECTRONIC DUES PAYMENTS ARE NOW AVAILABLE!



**FLARC dues, new and renewal — and even donations! —
can now be made on-line ...**

Until permanent arrangements can be made, several fiduciaries of the Fair Lawn Amateur Radio Club have graciously agreed to forward electronic payments to the Club's bank account. Payments can be made using either PayPal or Zelle account.



- Log into your PayPal account
- Locate the Send Money function
- Use the following email address as the recipient:
1947xyzabc1947@gmail.com
- Enter the appropriate \$ amount for your dues
- In the notes section, include your Call Sign and what year(s) the dues are for
- When prompted, indicate that you are "Sending to a friend"
- Log into your Zelle account
- Use the following phone number as the recipient: 201-240-9317
- In the notes section, include your Call Sign and what year(s) the dues are for

Once complete, you may – for added assurance - send a screenshot to
treasurer@FairLawnARC.org

– please be sure to redact any personal information –
(e.g. bank account number, balance, etc.)

For both new and renewal, please complete the Membership Application form at
<https://FairLawnARC.com/membership.pdf>
with your current info and either give it to a club officer
or mail it to the address on the form.

For additional information on club membership, visit
<http://membership.FairLawnARC.org>

Visit the club website at <http://FairLawnARC.org> for info about the club,
club activities, club history and our club 2-meter repeater.

For a PDF form that can be filled in on-line, then printed and mailed with check, [CLICK HERE](#)

Or you can print this page, fill it in and mail to the address shown at the bottom.



Fair Lawn Amateur Radio Club

*Fair Lawn Recreation and Community Center
10-10 20th Street
Fair Lawn, N.J. 07410*

MEMBERSHIP/RENEWAL FORM

Name _____ Call _____
Address _____ PO Box _____ Ste./Apt # _____
City _____ State _____ Zip _____
Roster Published Phone # _____ Unpublished Phone # _____
Roster Published EMAIL _____ License class: _____

Check all that apply ARRL Member ? RACES Member ? ARES Member ? CERT ? VE ?

Additional Family Members (In same household) --

Name _____ Call _____

Name _____ Call _____

Introductory and Student Membership \$ 20 \$ _____
(Students under the age of 18 eligible for student membership)
(Introductory membership open to new members
or not a member in last 7 yrs)

Associate Membership * (No Fee)
* Open to Fair Lawn Residents Only. No voting rights or other privileges.

Renewal of Current Membership \$ 25 \$ _____

Three Year Renewal Incentive \$ 65 \$ _____
(Single memberships only, family memberships excluded)

Additional Family Members # _____ at \$ 5 each \$ _____

Life Membership \$ 625 \$ _____

Senior Life Membership (65 yrs. of age or over) \$ 250 \$ _____

Equipment Fund Donation, above regular membership dues \$ _____
=====

Total submitted \$ _____

_____ Date _____

I hereby acknowledge the By laws and rules and regulations of the club and will abide by them as amended

Please Note: Memberships are NOT Pro-Rated. Membership is from Jan 1st to Dec. 31st of any given year unless documented otherwise.

Please make your dues check payable to the "Fair Lawn Amateur Radio Club" and remit to the following address:

**Fair Lawn ARC
– Attn: Treasurer
10-10 20th Street
Fair Lawn, NJ 07410**

Complete this form for NEW or RENEWAL of ARRL membership
and give to FLARC Treasurer [David Gotlib KD2MOB] with your payment check.



Membership Application

☐ New ☐ Renew ☐ Previous Member ☐ Unlicensed

Name _____ Call Sign _____

Address _____

City _____ State _____ ZIP _____

Email _____ Phone _____

Date of Birth ____ / ____ / ____

My Family Member is Joining or Renewing: (\$12 per member)

Name _____ Call Sign _____

Name _____ Call Sign _____

☐ Please note my new address ☐ I do not want my name and address made available for non-ARRL related mailings

Your Annual Membership Dues*

Circle Your Choice (rates effective Jan. 1, 2024)

	1 Year	3 Years
Standard membership	\$59	\$174
Family (same membership exp. date and address)	\$12	\$36
Student (must be under age 26)	\$30	
Blind (requires one-time statement of legal blindness)	\$12	\$36

Add-on ARRL Subscriptions

QST, ARRL's membership journal for active radio amateurs.

☐ 1 Year \$25* ☐ 3 Years \$75*

On the Air, For beginner-to-intermediate-level radio amateurs.

☐ 1 Year \$25* ☐ 3 Years \$75*

Member Benefits

Your membership supports benefits, services, and programs that keep you active and on the air.

Membership Includes:

- Access to four digital magazines and archives (*QST*, *On the Air*, *QEX*, & *NCJ*)
- Unlimited courses through the ARRL Learning Center (learn.arrl.org)
- Logbook of The World®, contests, and award programs

...and more!

*A print subscription for *QST* and/or *On the Air* requires an ARRL membership. Dues and subscription rates are subject to change without notice and are non-refundable

Payment Information

\$ _____ Total Charge to: ☐ Visa ☐ MasterCard ☐ AmEx ☐ Discover ☐ Check Enclosed

Card Number _____ Expiration Date _____

Card Holder's Signature _____

Toll Free (US) 1-888-277-5289 or 860-594-0200 • ARRL, 225 Main St., Newington, CT 06111-1400
membership@arrl.org • www.arrl.org/join

CLUB
form rev 1/24

November 2024

FLARC Business Meeting

FAIR LAWN AMATEUR RADIO CLUB
MINUTES BUSINESS MEETING
Fair Lawn Senior Center
November 1, 2024

The Club's President Fred KR2H called the meeting to order at 7:30 PM. At his request the members present in person rose and recited the Pledge of Allegiance.

The President then asked the Club Secretary Jim W2KNG to call the role. The Secretary called the following :

President	Fred	KR2H	Present
Vice President	Robert	KD2SOG	Present
Treasurer	Dave	KD2MOB	Present
Secretary	Jim	W2KNG	Present
Trustee	Van	W2DLT	Present
Trustee	Brian	KD2KLN	Present
Trustee	Judith	KC2LTM	Present (by Zoom)

The Secretary confirmed to the President that a quorum existed in order for the meeting to proceed and business to be conducted.

The President then asked for a motion to approve the minutes of the meeting held September 13, 2024 as published in The Resonator. Upon motion made by Skip KD2BRV and seconded by Gene WO2W the minutes were unanimously approved.

The President then asked the Treasurer, Dave KD2MOB to give his report. Dave read the account balances, including the income from the Hamfest. He reminded the members about the Holiday Party to be held immediately after the Annual Meeting at 6:00 PM on December 6. He also thanked Judith KC2LTM for her work on helping to get members to pay their dues. Anyone wishing to pay their dues need only look in the Resonator for the form and instructions as to how to pay. Upon motion duly made by Brian KD2KLN and seconded by Noel W2MSA the Treasurer's Report was unanimously approved.

The President then welcomed a visitor, Susan KE2EHL, who is a new ham and who was joining the Club this evening. The members welcomed warmly Susan with a round of applause.

The President then asked for Committee reports.

The first report was from the Administration Committee, Jim W2KNG discussed the proposal to incorporate the Club and suggested forming a for-profit corporation but filing with the IRS for 501(c)(7) status. By incorporating in that manner the members would not be personally liable for the debts of the Club and would own all the Club's assets but, as a 501(c)(7), would not pay any income taxes. In addition the Club could consider forming a sister corporation as a Foundation to be operated as a charity and file for 501(c)(3) status; but that would take some time. At the end of the presentation it was suggested that a formal proposal, including proposed expenses, be presented to the membership at the Annual Meeting.

The next report was from the Tech Committee. Steve WI2W reported that the CQ WW DX SSB contest

November 2024 FLARC Business Meeting, cont'd.

last weekend went very well, everything worked and he was very pleased with the results. He reported that the antenna renovation project will be undertaken in the Spring with the advent of warmer weather but that on Saturday 11/2/24 the rotator will be replaced.

The Quartermaster, Fred W2ABE, reported that there was nothing new but that the next step would be to organize some of the shelves in the basement.

Robert KD2SOG reported on the Youth Outreach Committee. He said he had sent out many emails to schools and school districts but had not received any replies to date. He then reminded the members of the Super Science Fair to take place on March 3 in Ridgewood. In the past the Club has had a presentation and has been received quite well. This Science Fair is directed primarily to grammar and middle school children. He asked that members who are interested in participating get in touch with him.

Van W2DLT reported there was nothing new to report on the Adult Outreach Committee.

Jim W2JC then gave the webmaster report. He stated that all Centennial SES logs have been received from members who participated as operators of K2F and K2L. Certificates with serial numbers have been issued to the 14 stations who requested and qualified for a certificate. As time permits he will also issue certificates without serial numbers to those stations who worked two or more of our stations even though they had not requested a certificate. The purpose of this is to spread the word about FLARC and Fair Lawn's 100th Anniversary around the world. In addition, the log for the past weekend's CQ WW SSB contest at the Club has been processed and submitted to the contest and to 3830scores.com where everyone looks for scores.

Jim W2JC continued, stating that web pages for the upcoming Auction have been activated and await Seller registrations. He gave a big thanks to Dave KD2JIP for updating the pages he created for the Club last year and for his continued support of the Auction. He also thanked Gene WO2W for coordinating the Auction flyer and the web pages.

As Postmaster, Jim W2JC reported that he has sent out more than 3,500 emails as an Auction alert. Further emails will be sent out as the Auction date approaches.

As Zoom Account Manager Jim noted that no requests to use the Zoom account were received last month.

As Newsletter Publisher, Jim reminded the members that submissions for The Resonator need to arrive at the Editor's and Publisher's email no later than the 25th of the previous month. He added that putting the newsletter together is a time consuming process and needs working time. The Resonator is always published shortly after the monthly meeting so that the minutes can be included. The Resonator is the archive of the monthly meeting minutes.

As QSL Manager, Jim reported that the Club has received a few "digital QSLs" from stations who contacted K2F and K2L. These have been posted on our Slack DX Channel for members to see.

Jim also reported that during the past contest FLARC operators contacted 88 countries, which he noted is not bad for 15 hours of operating. He also thanked Ed WX2R who regularly posts the latest DX News listing of DXpeditions and special event stations to the SIG email list.

As FT8 SIG Owner, Jim reminded members that members of this SIG regularly share DX spots in real time on the Slack channel and have been actively helping each other (especially new FT8 users) with

November 2024

FLARC Business Meeting, cont'd.

equipment setup and operating procedures. Many new features have been added to the software lately and it is fun to help each other learn about the new features and how to use them properly.

Robert KD2SOG then read the Social Media Committee report. There are currently 1,436 subscribers to our YouTube channel with the addition of 8 new subscribers. Last month there were 1,200 views for a watch time of 146.7 hours.

Jim N2JLF reported on the October SET (Simulated Emergency Test) with the American Red Cross. He said our participation went well. Three virtual shelters were set up and all traffic was passed with no issues. He thanked all who participated. On November 16 there will be an After Action meeting at the Red Cross in Fairfield, NJ to see what went well and what did not.

Noel W2MSA reported that everything was going well with respect of preparations for Winter Field Day and he will have a meeting soon of everyone interested in participating. He is going to meet with the people from Pompton Lakes to see about how the set up in the van can be improved from last year. The SSB operators were a bit cramped although CW operators were more comfortable. Noel noted that this is not an ARRL sponsored event and there have been some changes in the rules, so he asked those interested to go online and read the rules to familiarize themselves with the changes. He also thanked Mike KD2YEW who is going to help with coordinating WFD.

As Station Manager, Noel W2MSA reported that all stations at the Club are operating at 100%. He noted that the stations are there to enjoy and welcomed members to come to the Clubhouse and take advantage of what is there. He said he was very happy to see new members getting on the air, especially Ed KD2DVO for his participation in the recent contest. He also thanked Van, a veteran Club member, who drove all the way up from Pennsylvania to participate in the contest. Finally he noted that POTA is going great.

Gene WO2W reported on VE sessions. He said at the last session there were three candidates. One passed and two did not.

Judith KC2LTM reported on Health and Welfare and said she sent out 3 get well cards and one sympathy card in October. In response to a previous inquiry she reported that since 2020 she has sent out 37 sympathy cards and 51 get well cards. KD2MOB thanked Judith for the sympathy card his family received on the passing of his father in law.

The President then reported on a new project to be called Operation Renewal. The object of Operation Renewal is to reach out to lapsed members and return them to active participation. Judith KC2LTM and Van W2DLT will head this initiative. Part of this program will be to ask former members what the Club can do that it is not currently doing, which might be of interest to the former member.

Van W2DLT then reported on his visit to the University of Scranton ham radio club station W3USR. He said it was an amazing set up with excellent equipment. He suggested that it might be of interest for the Club to organize a field trip to see the station. This was met with some enthusiasm from the members and Van will coordinate the possible field trip.

President Fred KR2H then revived an idea first proposed by Jim W2JC that hams who come through the VE Sessions be given a new Baofeng hand held as a welcome to ham radio if they join the Club. This led to some discussion of the idea. While the consensus seemed to be that a welcome to ham radio info

November 2024

FLARC Business Meeting, cont'd.

packet would be appropriate, it would not be a good idea to give the new ham a Baofeng. To bring the matter to a head, Jim W2JC made a motion that new hams and new members be given a Baofeng handheld by the Club. The motion was seconded by Fred KR2H. The motion did not carry.

Jim W2JC then stated that it should be the next order of business to take nominations from the floor for officers and trustees to be voted on at the December Annual Meeting. Judith reminded the members of the slate proposed by the Nominating Committee at the November meeting. She then asked for Nominations from the floor for each position. The only nomination from the floor was for Treasurer. Jim W2JC nominated Robert KD2SOG for the position of Treasurer. The nomination was duly seconded by Van W2DLT. After each position was called and no new nominations came forward Judith KC2LTM declared the nominations closed. The slate of candidates is as follows:

President Contested:	Fred KR2H and Gene WO2W
Vice President:	Nomar NP2H
Treasurer Contested:	Dave KD2MOB and Robert KD2SOG
Secretary:	Jim W2JC
Trustee:	Noel W2MSA

Jim W2JC asked all candidates to submit a statement to him to be circulated on the Club's group.io. This should be done shortly.

There being no further business, on motion made by Robert KD2SOG and seconded by Noel W2MSA, the meeting was adjourned at 9:00 PM.

Respectfully submitted
James P Jalil, Secretary W2KNG

